

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of:

Inventor(s) : Yorioki NARA *et al.*  
Serial Number : New  
Based on : PCT/JP2004/004231  
Filed : March 23, 2003 (herewith)  
For : PARTICLE CRUSHING AND SIZING APPARATUS

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 AND 1.98**

**Mail Stop PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 23, 2005

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, applicant hereby notifies the United States Patent & Trademark Office of the documents which are listed on the attached PTO-1449A form and which the examiner may deem relevant to the patentability of the claims in the above-identified application. One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of an Office action on the merits (whichever is later), and therefore no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for the listed foreign language documents, applicant encloses herewith an English-language version of the International Search Report citing each of these

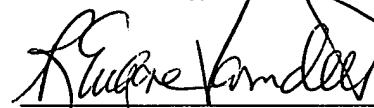
documents, indicating the degree of relevance (if not already included) found by the foreign office. In addition, an English abstract is attached to foreign language document No. JP 2001-149804.

It is respectfully requested that the examiner initial or otherwise mark one copy of form PTO-1449 and forward the same to the applicant indicating that the documents listed thereon have been considered.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

In the event that this paper is not timely filed, applicant hereby petitions for an appropriate extension of time. The Commissioner is hereby authorized to charge the fee therefor, as well as any deficiency in the payment of the required fee(s) or credit any overpayment, to our deposit account No. 22-0256.

Respectfully submitted,  
VARNDELL & VARNDELL, PLLC



R. Eugene Varndell, Jr.  
Attorney for Applicants  
Registration No. 29,728

Atty. Case No. VX052667 PCT  
106-A South Columbus Street  
Alexandria, Virginia 22314  
(703) 683-9730  
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

**Complete if Known**

**Application Number****Filing Date****First Named Inventor**

### Group Art Unit

**Examiner Name**

Attorney Docket Number

March 23, 2005

Yorioki NARA et al.

VX042667 PCT

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Foreign Document Number   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Ages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>2</sup> |
|------------------------|--------------------------|---|--------------------------------|--|--|----------------|
|                        |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |  |  |                |
|                        |                          | JP 47-49441 B1  | 12/12/1972                     | Canadian Int'l Paper Co                            |  | N              |
|                        |                          | JP 56-164034  | 12/5/1981                      | General Kiko Co., Ltd.                             |  | N              |
|                        |                          | JP 2001-149804 A  | 6/5/2001                       | Aikawa Tekko Co., Ltd.                             |  | P              |
|                        |                          | JP 61-39198   | 3/12/1986                      | Horomi Hukutome et al.                             |  | N              |
|                        |                          | JP 62-44831   | 3/18/1987                      | Hiroaki Tokita et al.                              |  | N              |
|                        |                          |   |                                |  |  |                |
|                        |                          |   |                                |  |  |                |
|                        |                          |   |                                |  |  |                |
|                        |                          |   |                                |  |  |                |

Examiner  
Signature

|            |  |
|------------|--|
| Date       |  |
| Considered |  |

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with excommunication to applicant.

<sup>1</sup> Applicants unique citation designation number (optional).

<sup>2</sup> See Kinds of Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3).

<sup>4</sup> For Japanese patent documents, indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16, if possible.

<sup>6</sup> Applicant is to place a check mark here if English language translation is attached, where "P" means a partial translation, such as an abstract.